

### TECHNICAL DATA SHEET

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#### DESCRIPTION

Wire ropes contain numerous moving parts that require lubrication. Each time the rope bends or flexes, the internal strands rub together. **WRL** coats these strands to prevent friction and wear. This results in longer life, less downtime for rope changes and more production.

**JET-LUBE'S WRL WIRE ROPE & CHAIN LUBRICANT** quickly penetrates to the cores. This ensures that the rope is lubricated throughout while providing a nondrying, non tacky film on the outside of the rope that protects outer strands from corrosion, as well as lubrication the wire rope drums and sheaves.

**WRL** is easily pumpable at temperatures down to -32°C (-25°F). Its nondrying film remains flexible in most extreme weather conditions, which eliminates flaking and peeling.

- Lead Free
- Prolongs wire rope life
- Nontacky
- Pumpable
- Displaces water
- Protects against rust and corrosion
- Flexible finish

#### APPLICATIONS

WRL can be used to lubricate all sizes of wire rope, as well as chains, leaf springs and other applications where a penetrating oil is needed. It may be applied by hand or automatic lube system.

#### RECOMMENDED APPLICATION RATE

##### Drip System

1st week - 3 drops per minute, per inch diameter rope.  
2nd week & thereafter - 1 drop per minute, per inch diameter rope.

##### Spray System

Every 15 minutes for 30 seconds (on payout only.)



#### PRODUCT SPECIFICATIONS

	AEROSOL	NON-AEROSOL
Fluid Type	Petroleum Oil	Petroleum Oil
Specific Gravity, Typical	0.83	0.88
Density (Kg/l), Typical	0.83	0.88
Viscosity (ASTM D-445) cSt @ 40°C	3.5 - 4.5	19.8 - 24.2
cSt @ 100°C, Typical	NA	4.1
SUS @ 100°F, Calculated	NA	95 - 115
SUS @ 210°F, Calculated	NA	39
Viscosity Index (ASTM-2270)	NA	>70 Typical
Pour Point (ASTM D-97)	<-40°C (-40°F)	<-32°C (-25°F)
Shell 4-Ball EP Test (ASTM D-2783)		
Weld Point, kfg	NA	250
Flash Point (ASTM D-92)	>79°C (176°F)	>166°C (330°F)
SAE Grade	NA	10
ISO Grade		
(ISO 3448 or ASTM D-2422)	NA	22
Color/Appearance	Clear Amber	Amber
Spray Pattern	Tight Stream	NA
Propellant	Carbon Dioxide	NA
Solvent Type	Petroleum Distillate	NA
Dielectric Strength (ASTM D-877)	35 kv	NA

#### OPERATING RANGE

-32°C to 175°C (-25°F to 350°F)

WRL Wire Rope Lubricant  
Contains No 1.1.1 Trichloroethane, Freon Rf  
or other ozone harming ingredients.

#### PACKAGING

Inventory Code	Container Size	Container
34041	12 oz.	Aerosol
34010	1 US Gallon	Pail
34020	35 Lb.	Pail

#### LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.